

02/12/01  
JC685 U.S. PTO

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JC997 U.S. PTO  
09/780348  
02/12/01

February 12, 2001

Attorney Docket: 36762-162143

Assistant Commissioner for Patents  
Washington, D.C. 20231  
Attention: Box PATENT APPLICATION

Sir:

Submitted herewith is a patent application under 37 C.F.R. § 1.53(b) for:

**Inventor:** Thomas C. BUTASH  
Centreville, VA  
Citizenship: U.S.

**Title:** POLYPHASE-DISCRETE FOURIER TRANSFORM (DFT)  
SUB-BAND DEFINITION FILTERING ARCHITECTURE

**This is a Non-Provisional Application.**

The application includes:

- ☒ Specification (20 pages), claims (15), plus an abstract (1 page),  
all in the English language.
- ☒ Formal drawings (12 sheets, 13 Figures, numbered 1A-7C)
- ☐ Inventor Declaration and Power of Attorney
- ☐ Assignment

**This application is entitled to large entity status.**

Fee (see formula below) :

Basic Filing Fee (large entity = \$710/small entity = \$355)	\$ 710.00
Total number of claims in excess of 20 (0 x \$9)	\$ 0.00
Number of independent claims in excess of 3 (0 x \$40)	\$ 0.00
Multiple Dependent Claim (\$270/135)	\$ 0.00
Assignment Recordation Fee (\$40)	\$ 00.00
<b>TOTAL FEES</b>	<b>\$ 710.00</b>

Attached please find the filing fee in the amount of \$710.00. The Commissioner is authorized to charge any missing or insufficient fee to Deposit Account No. 12-2141.


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In view of the above, it is requested that this application be accorded a filing date.

Please address all communications to:

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Respectfully submitted,



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